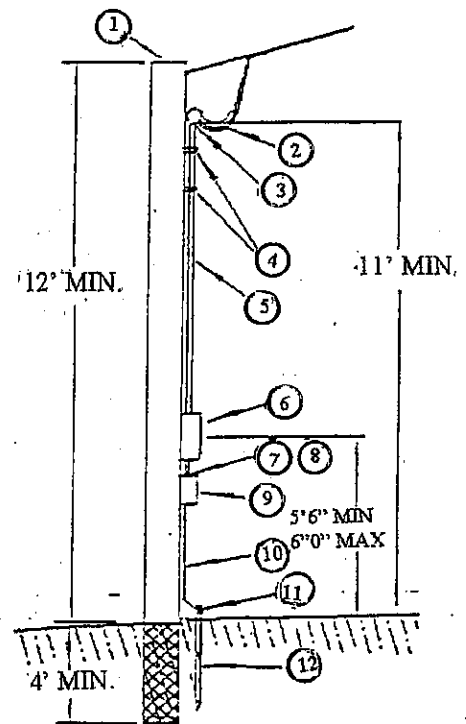


HOUSTON COUNTY ELECTRIC COOPERATIVE, INC.
PO BOX 52
CROCKETT, TX 75835
800-657-2445 OR 936-544-5641

METER LOOP INSTALLATION GUIDE FOR METER POLE
100 AMP SERVICE 120/240 VAC

BILL OF MATERIAL

ITEM	QTY	DESCRIPTION
1	1	6" (min) treated pole
2	as req'd	#2 stranded copper cable with 90 C insulation rating type RHH, THHN, THHW or XHHW. See note below.
3	1	1 1/4" Weatherhead
4	4	1 1/4" Conduit straps with screws.(nails not acceptable)
5	as req'd	1 1/4" Rigid metal or E.M.T conduit with weather tight connectors.
6	1	Meter socket(furnished by Cooperative)
7	1	1 1/4" Nipple
8	2	1 1/4" Conduit locknuts
9	1	2-pole 100 Amp weatherproof fused disconnect switch with 1 1/4" Hub, or 100 Amp weatherproof load center with 1 1/4" Hub(no more than than a 6 circuit breaker panel without a main breaker)
10	as req'd	Min. #6 solid soft drawn copper wire.
11	1	Ground clamp approved for the type of ground rod used
12	1	8' by 1/2 " copper coated ground rod is preferred or 8' by 5/8" galvanized ground rod is acceptable.



NOTE: The conductor size shall be as noted above or
Copper in accordance with the NEC, which
ever is larger. LEAVE A MINIMUM OF
18" OF CONDUCTOR EXTENDING FROM

Note: All requirements of the
current edition of the National
Electric Code or of the local
codes shall be followed when
not addressed in this guide.